FIG.1

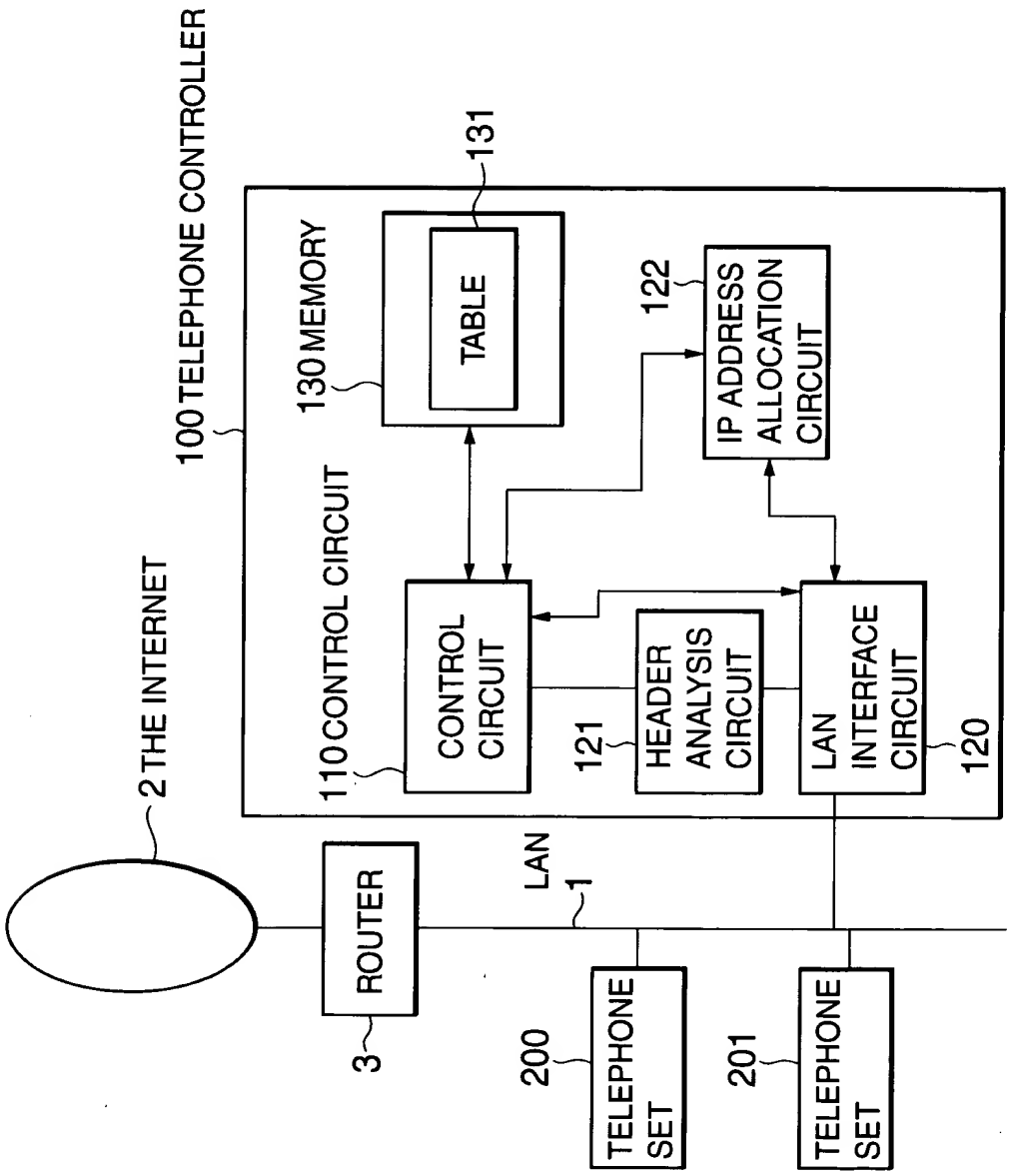

2 THE INTERNET
100 TELEPHONE CONTROLLER
130 MEMORY
131
TABLE
122
IP ADDRESS ALLOCATION CIRCUIT
110 CONTROL CIRCUIT
CONTROL CIRCUIT
121
HEADER ANALYSIS CIRCUIT
LAN INTERFACE CIRCUIT
120
ROUTER
3
LAN
1
200
TELEPHONE SET
201
TELEPHONE SET

FIG.2

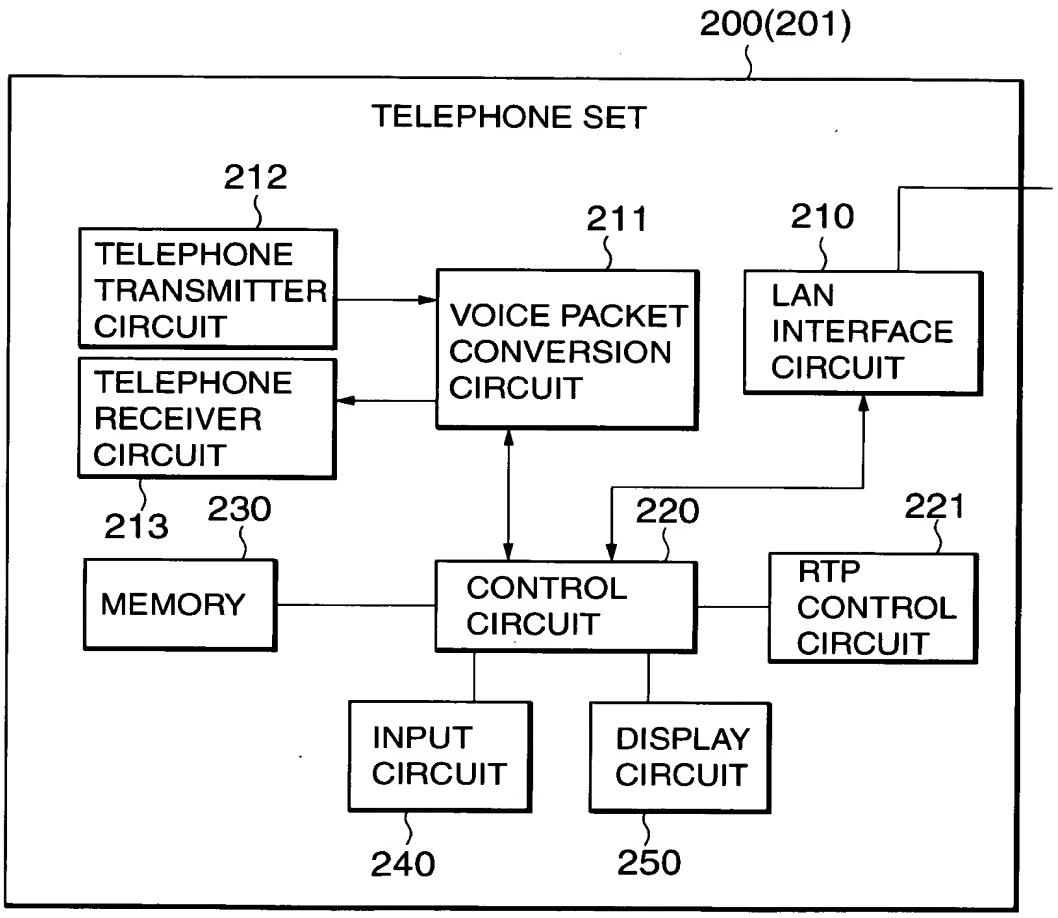

200(201)
TELEPHONE SET
212
TELEPHONE TRANSMITTER CIRCUIT
211
VOICE PACKET CONVERSION CIRCUIT
210
LAN INTERFACE CIRCUIT
TELEPHONE RECEIVER CIRCUIT
213
230
MEMORY
220
CONTROL CIRCUIT
221
RTP CONTROL CIRCUIT
INPUT CIRCUIT
240
DISPLAY CIRCUIT
250

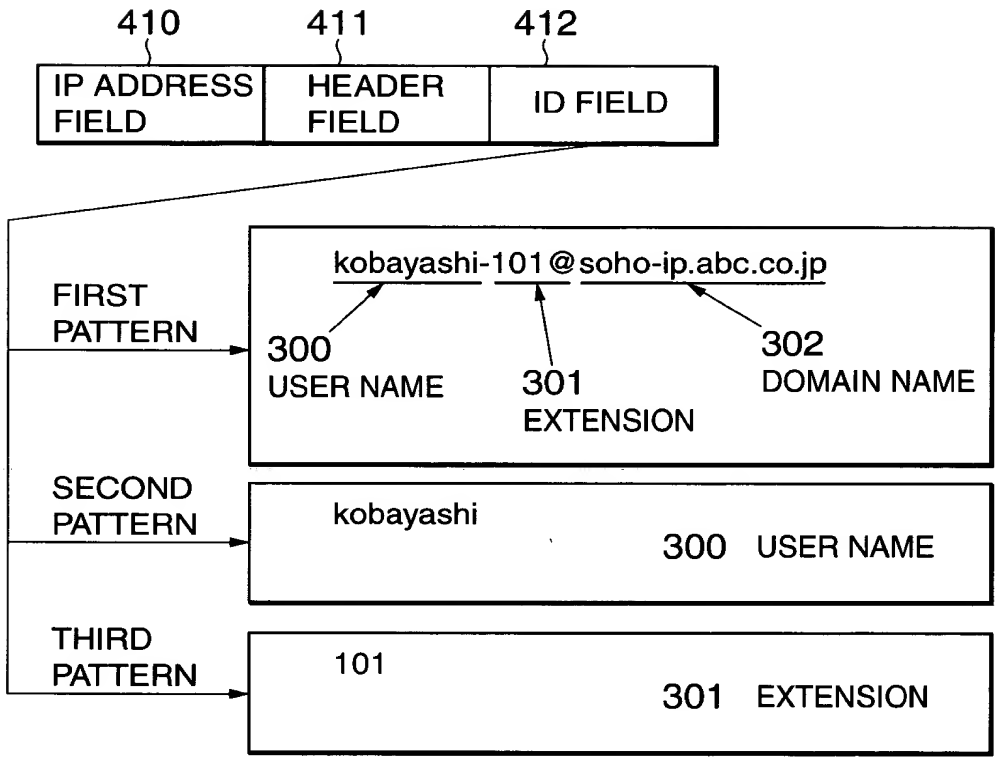
FIG.3

| No | ID | IP ADDRESS | EXTENSION | USER NAME |
|---|---|---|---|---|
| 0 | | | 100 | |
| 1 | | | 101 | |
| 2 | | | 102 | |
| ..... | | | ..... | |

FIG.4

| No | ID | IP ADDRESS | EXTENSION | USER NAME |
|---|---|---|---|---|
| 0 | 100@soho-jp.abc.co.jp | 192,168,0,1 | 100 | |
| 1 | | | 101 | |
| 2 | | | 102 | |
| ..... | | | | |

FIG.5


410
411
412
IP ADDRESS FIELD
HEADER FIELD
ID FIELD
FIRST PATTERN
kobayashi-101@soho-ip.abc.co.jp
300
USER NAME
301
EXTENSION
302
DOMAIN NAME
SECOND PATTERN
kobayashi
300 USER NAME
THIRD PATTERN
101
301 EXTENSION